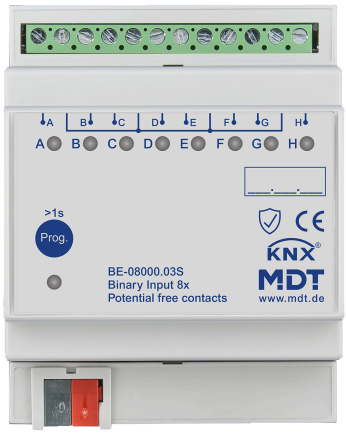
Product data sheet

BE-08000.03S

KNX Binary Input 8-channel, 4 SU MDRC, Potential free version, Secure



Product description:

The MDT Binary Input BE, converts, as an example, conventional push-buttons, switches, window, door and auxiliary contacts to "smart" for KNX. The comprehensive application provides the appropriate parameters for different applications. Version for potential-free contacts. KNX Data Secure

Product functions:

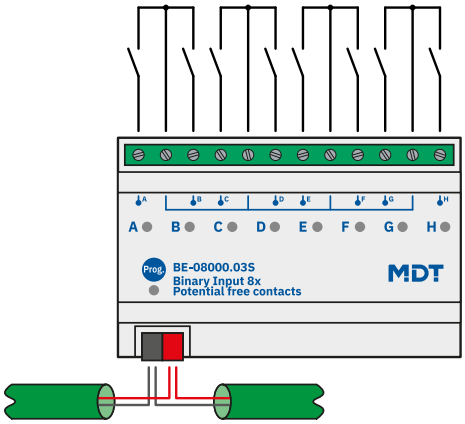
- **KNX Data Secure**
- To connect **Push-buttons, switches, window contacts**
- **Virtual interface in the ETS**
- Multitouch-function, sends up to 4 values on the same or different objects
- **Intelligent one-button dimming**
- **Innovative group control with long/extra long button press**
- **4 integrated logic modules**, e.g., to evaluate the inputs (closed window or send a second object)
- **Evaluation of rising and falling edges**
- NO- and NC operation, contact status send
- Dimmer- and shutter function for singular- and double Push-button operation
- Sending of values, forced operation
- Scenes and blocking object for each channel
- Short/Long button press with 2 objects
- **Pulse and switch counter with extensive counter functions (suitable for 30 ms S0 pulse, e.g Eltako DSZ)**
- Cyclic sending, sending after reset
- Internally generated 12 V contact voltage

Technical data:

Device	Device type	BE Binary Input
	Article Number	BE-08000.03S
	EAN / GTIN	4251916114701
	Installation width	4 SU / 72 mm
	Dimensions (H x W x D)	90 x 72 x 65 mm
	Weight, gross (incl. packaging)	0.157 kg
	Protection classification	IP20
	Installation type	MDRC, DIN rail 35 mm
	Installation position	any
	Weight, net	0.129 kg
Inputs	Number of binary inputs	8
	Input voltage	For potential-free contacts (12 V internally generated) *1
	Permissible total cable length	100 m
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 … 31 V DC SELV
	Typical power consumption KNX bus	< 0,3 W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 5 (latest)
	KNX Secure	KNX Data Secure
Environmental conditions	Ambient operating temperature	0 … 45 °C
	Storage	-20 … +55 °C
	Humidity	< 95 %
	Condensation permissible	No
Connections	Connection type	Screw terminal with slotted head
	Conductor cross section 1 x	0,5 … 2,5 mm²
	Screw terminal tightening torque	0.5 Nm
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 … 0.8 mm, solid conductor

*1 Galvanic isolation to the KNX bus

Wiring diagram:



Technical modifications and corrections may be made without notice. Images may differ.